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| FORM PTO-1390<br>MODIFIED   | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br><b>330-284</b>  |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b> |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br><b>104509241</b><br><small>To be assigned</small> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/03873</b>  | INTERNATIONAL FILING DATE<br><b>27/March/2003</b>       | PRIORITY DATE CLAIMED<br><b>28/March/2002</b>   |
| TITLE OF INVENTION<br><b>THERMAL RECORDING MATERIAL FOR OFFSET PRINTING</b>   |   |   |
| APPLICANT(S) FOR DO/EO/US<br><b>TAKAGI et al.</b>   |   |   |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
- A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☐ is attached hereto (      pages specification, claims & abstract (      claims),      sheets drawings).
  - ☒ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation
  - ☒ of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (78 pages specification, claims & abstract (17 claims),      sheets drawings,      page Certificate of Translation).
  - ☐ of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  - ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
- See item 6.b. above.  
**Items 11 To 20 below concern document(s) or information included:**
- ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- ☒ A **FIRST** preliminary amendment.
- ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
- ☐ A substitute specification.
- ☐ A change of power of attorney and/or address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information. PTO-1449 Form

DT04 Rec'd PCT/PTO 28 SEP 2004

| U.S. APPLICATION NO. <b>10/509241</b><br>To be assigned  |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/03873</b>   |          | ATTORNEY'S DOCKET NUMBER<br><b>330-284</b>  |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
|--|--------------|--|----------|---|--------------|--------------|--------|--|--------------|--------|------------|---|-----------|--------------------|---|-----------|---|-----------|--|--|--|----------|--|--|--|--|--|--|--------------------------------------|--|--|--|-------------------|--|--|
| 21. <input checked="" type="checkbox"/> The following fees are submitted:  |              |  |          | <b>CALCULATIONS</b> PTO USE ONLY  |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)):</b><br>-- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00<br>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$920.00<br>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$770.00<br>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$730.00<br>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00<br><div style="text-align: right; margin-top: 10px;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>   |              |  |          | <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: right;">\$</td> <td style="width:70%; text-align: right;">920.00</td> <td style="width:20%;"></td> </tr> <tr> <td style="text-align: right;">\$</td> <td style="text-align: right;">130.00</td> <td></td> </tr> </table> |              | \$           | 920.00 |  | \$           | 130.00 |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| \$   | 920.00       |  |          |   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| \$   | 130.00       |  |          |   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).<br><table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> <th style="width:20%;"></th> </tr> <tr> <td>Total Claims</td> <td>17</td> <td>minus 20 =</td> <td>0</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>minus 3 =</td> <td>0</td> <td>X \$86.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td>\$290.00</td> <td></td> </tr> <tr> <td colspan="4">Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td style="text-align: right;"><b>\$ 1050.00</b></td> </tr> </table>  |              |  |          | CLAIMS  | NUMBER FILED | NUMBER EXTRA | RATE   |  | Total Claims | 17     | minus 20 = | 0 | X \$18.00 | Independent Claims | 1 | minus 3 = | 0 | X \$86.00 | MULTIPLE DEPENDENT CLAIMS(S) (if applicable) |  |  | \$290.00 |  | Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months) |  |  |  |  | <b>TOTAL OF ABOVE CALCULATIONS =</b> |  |  |  | <b>\$ 1050.00</b> |  |  |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA   | RATE     |   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Total Claims   | 17           | minus 20 =   | 0        | X \$18.00   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Independent Claims   | 1            | minus 3 =  | 0        | X \$86.00   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable)   |              |  | \$290.00 |   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)   |              |  |          |   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |  |          | <b>\$ 1050.00</b>   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |  |          | 0.00  |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| <b>SUBTOTAL =</b>  |              |  |          | <b>\$ 1050.00</b>   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).   |              |  |          | 0.00  |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| <b>TOTAL NATIONAL FEE =</b>  |              |  |          | <b>\$ 1050.00</b>   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property   |              |  |          | 0.00  |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 - Small Entity = \$665.00)   |              |  |          | 0.00  |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| <b>TOTAL FEES ENCLOSED =</b>   |              |  |          | <b>\$ 1050.00</b>   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
|  |              |  |          | Amount to be:   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
|  |              |  |          | refunded \$   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
|  |              |  |          | Charged \$  |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| a. <input checked="" type="checkbox"/> A check in the amount of \$1050.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.<br>d. <input checked="" type="checkbox"/> The entire content of International Application No. <b>PCT/JP03/03873</b> and any U.S. and foreign application(s) corresponding thereto, and JP 2002-90614, referred to in this application is/are hereby incorporated by reference in this application.<br><b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b><br><b>CORRESPONDENCE ADDRESS</b><br><b>Direct all correspondence to:</b><br><div style="margin-top: 20px;"> <input checked="" type="checkbox"/> <b>Customer Number:</b> <div style="display: inline-block; border: 1px solid black; padding: 5px; margin-left: 10px; text-align: center;"> <b>23117</b><br/> <small>Type Customer Number here</small> </div> <div style="margin-left: 20px;">           Place Customer Number Bar Label Here →           <div style="border: 1px solid black; width: 150px; height: 50px; margin-top: 10px;"></div> </div> </div> |              |  |          |   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |
| Telephone: (703) 816-4000<br>ARC:mg  |              | <div style="margin-top: 20px;"> </div> <div style="display: flex; justify-content: space-between;"> <div> <b>Arthur R. Crawford</b><br/>           NAME<br/> <b>25,327</b><br/>           REGISTRATION NUMBER         </div> <div> <b>September 28, 2004</b><br/>           Date         </div> </div> |          |   |              |              |        |  |              |        |            |   |           |                    |   |           |   |           |  |  |  |          |  |  |  |  |  |  |                                      |  |  |  |                   |  |  |